

Project Title	Funding	Institution
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	\$303,625	Beth Israel Deaconess Medical Center
The role of SHANK3 in the etiology of autism spectrum disorder	\$28,000	Johns Hopkins University
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	\$597,637	Massachusetts Institute of Technology
Transgenic mouse model to address heterogeneity in autism spectrum disorders	\$454,745	Vanderbilt University
The genetic control of social behavior in the mouse	\$346,000	University of Hawai'i at Manoa
Neurobiology of sociability in a mouse model system relevant to autism	\$354,375	University of Pennsylvania
Neurobiology of sociability in a mouse model system relevant to autism (supplement)	\$175,927	University of Pennsylvania
The role of SHANK3 in autism spectrum disorders	\$360,000	Mount Sinai School of Medicine
A preclinical model for determining the role of AVPR1A in autism spectrum disorders	\$30,000	Mount Sinai School of Medicine
Synaptic plasticity, memory and social behavior	\$50,054	New York University
Molecular determinants of L-type calcium channel gating	\$402,500	Columbia University
Animal models of neuropsychiatric disorders	\$1,835,912	National Institutes of Health (NIH)
Investigation of the role of MET kinase in autism	\$488,411	Johns Hopkins University School of Medicine
Using iPS cells to study genetically defined forms with autism	\$100,000	Stanford University
Serotonin, autism, and investigating cell types for CNS disorders	\$90,000	The Rockefeller University
Role of UBE3A in neocortical plasticity and function	\$490,000	Duke University
Primate models of autism	\$106,671	University of California, Davis
Caspr2 dysfunction in autism spectrum disorders	\$28,000	Yale University
Perturbed activity-dependent plasticity mechanisms in autism	\$301,444	Harvard Medical School
Dissecting the neural control of social attachment	\$772,500	University of California, San Francisco
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$253,848	Massachusetts Institute of Technology
Using zebrafish and chemical screening to define function of autism genes	\$395,497	Whitehead Institute for Biomedical Research
Studies on protein synthesis and long-term adaptive responses in the CNS	\$1,659,897	National Institutes of Health (NIH)
Function and dysfunction of neuroligins	\$498,885	Stanford University
Neural and cognitive mechanisms of autism	\$1,500,000	Massachusetts Institute of Technology
Characterization of the transcriptome in an emerging model for social behavior	\$426,250	Emory University
Regulation of synaptogenesis by cyclin-dependent kinase 5	\$325,889	Massachusetts Institute of Technology
Integrated approach to the neurobiology of autism spectrum disorders	\$115,446	Yale University
Mouse genetic model of a dysregulated serotonin transporter variant associated with autism	\$60,000	Vanderbilt University
CNTNAP2 in a behavioral model of autism	\$265,450	University of California, Los Angeles
Dynamic regulation of Shank3 and ASD	\$300,000	Johns Hopkins University

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Neural mechanisms of social cognition and bonding	\$43,907	Emory University
Central vasopressin receptors and affiliation	\$363,959	Emory University
Central vasopressin receptors and affiliation	\$32,902	Emory University
Vasopressin receptors and social attachment	\$121,500	Emory University
Development of genomic resources for prairie voles	\$158,400	Emory University
Genomic resources for identifying genes regulating social behavior	\$0	Emory University
Analysis of cortical circuits related to ASD gene candidates	\$127,500	Cold Spring Harbor Laboratory
Functional analysis of neuroligin IV in Drosophila	\$57,210	University of California, Los Angeles
Probing disrupted cortico-thalamic interactions in autism spectrum disorders	\$518,375	Children's Hospital Boston
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Massachusetts Institute of Technology
The integration of interneurons into cortical microcircuits	\$37,500	New York University School of Medicine
Functional genomic dissection of language-related disorders	\$78,585	University of Oxford
The role of CNTNAP2 in embryonic neural stem cell regulation	\$75,000	Johns Hopkins University School of Medicine
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Columbia University
A proposal to define cells and circuits impacted in autism spectrum disorders	\$162,544	The Rockefeller University
Neurogenetics in a model for procedural learning	\$31,848	University of California, Los Angeles
A comparative developmental connectivity study of face processing	\$267,046	University of Kentucky
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Columbia University
Behavioral and physiological consequences of disrupted Met signaling	\$400,000	University of Southern California
The genetics of restricted, repetitive behavior: An inbred mouse model	\$60,000	University of Florida
Serotonin, corpus callosum, and autism	\$303,250	University of Mississippi Medical Center
Using Drosophila to model the synaptic function of the autism-linked NHE9	\$75,000	Massachusetts Institute of Technology
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$0	University of North Carolina School of Medicine
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	\$0	Albert Einstein College of Medicine of Yeshiva University
A mouse knock-in model for ENGRAILED 2 autism susceptibility	\$152,667	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Novel models to define the genetic basis of autism	\$545,463	Cold Spring Harbor Laboratory
Characterization of a novel mouse model of restricted repetitive behaviors	\$184,844	University of North Carolina at Chapel Hill
Systematic analysis of neural circuitry in mouse models of autism	\$75,432	Cold Spring Harbor Laboratory
Role of L-type calcium channels in hippocampal neuronal network activity	\$32,191	Stanford University
Dysregulation of PI3K/AKT in social interaction deficits and autism spectrum disorders with macrocephaly	\$81,630	University of Texas Southwestern Medical Center

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Behavioral, physiological & neuroanatomical consequences of maternal separation	\$43,907	Emory University
Behavioral and neural processing of faces and expressions in nonhuman primates	\$432,400	Emory University
A non-human primate autism model based on maternal immune activation	\$106,670	University of California, Davis
Neurogenetic model of social behavior heterogeneity in autism spectrum disorders	\$821,227	Duke University
Novel genetic animal models of autism	\$274,750	University of Texas Southwestern Medical Center
Animal models of autism: Pathogenesis and treatment	\$100,000	University of Texas Southwestern Medical Center
Role of a novel Wnt pathway in autism spectrum disorders	\$150,000	University of California, San Francisco
Role of Wnt signaling in forebrain development, synaptic physiology, and mouse behavior	\$70,041	University of California, San Francisco
A novel cell-based assay for autism research and drug discovery	\$60,000	University of Arizona

